

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Att. Docket No. 10886.00670)

In re Application of Steven Shawn Smith)
Application No. 10/085,172) Group Art Unit: 2643
Filed: February 27, 2002) Examiner: Unassigned
For: Solid Angle Cross-Talk Cancellation)
for Beamforming Arrays)

RECEIVED

FEB 12 2004

Technology Center 2600

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§1.97 and 1.98, the Applicant wishes to make the following references of record in the above-identified application as a result of the International Search Report mailed January 8, 2004 (a copy of the International Search Report is enclosed), in the corresponding international application No. PCT/US02/07504. This Supplemental Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 CFR §1.56. Copies of the references cited below are enclosed. The references are also listed on the enclosed and completed Supplemental Form PTO/SB/08A.

This Information Disclosure Statement is filed under 37 CFR §1.97(b) before the mailing date of a first Office Action on the merits. Accordingly, there is no fee due for filing this Information Disclosure Statement. However, if it is determined that a fee is due, the Commissioner is authorized to charge or credit any fees associated with this paper to Deposit Account No. 19-0733.

Under 37 CFR §1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed as a representation that a search has been made.

Under 37 CFR §1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to be an admission that the cited references are, or are considered to be, material to patentability as defined in 37 CFR §1.56(b).

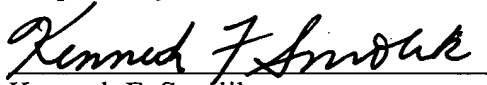
References

Bhadkamkar, et al., U.S. Patent No. 6,002,776, issued December 14, 1999

O.Hoshuyama and A. Sugiyama, "A Robust Generalized Sidelobe Canceller with a Blocking Matrix Using Leaky Adaptive Filters", *Information Technology Research Laboratories, NEC Corporation, Kawasaki, Japan* 216, 1997 Scripta O.Hoshuyama and A. Sugiyama, "A Robust Generalized Sidelobe Canceller with a Blocking Matrix Using Leaky Adaptive Filters", *Information Technology Research Laboratories, NEC Corporation, Kawasaki, Japan* 216, 1997 Scripta Tecica, Inc., pp. 5665, Inc., pp. 5665

Dated: February 5, 2004

Respectfully submitted,

By: 
Kenneth F. Smolik
Registration No. 44,344
BANNER & WITCOFF, LTD.
10 South Wacker Drive
Suite 3000
Chicago, Illinois 60606
Telephone: 312-463-5000
Facsimile: 312-463-5001

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/085,172
Filing Date	February 27, 2002
First Named Inventor	Steven Shawn Smith
Group Art Unit	2643
Examiner Name	Unassigned
Attorney Docket Number	10886.00670

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		6,002,776		Bhadkamkar, et al	12/14/1999	

FEB 12 2004

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		O.Hoshuyama and A. Sugiyama, "A Robust Generalized Sidelobe Canceller with a Blocking Matrix Using Leaky Adaptive Filters", <i>Information Technology Research Laboratories, NEC Corporation, Kawasaki, Japan</i> 216, 1997 Scripta Technica, Inc., pp. 5665	
		International Search Report for PCT/US02/07504 mailed January 8, 2004	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.